LEGENDS FOR THE NC CONSERVATION PLANNING TOOL (CPT) ASSESSMENTS

Biodiversity/Wildlife Habitat Assessment Legend

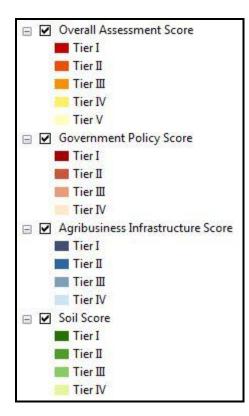
iversity/Wildlife Habitat Assessn
ive Conservation Value
9-10 (Maximum)
8
7
6
5
2-4
1 (Moderate)
0 (Unrated)
Impervious surface >20%

The Biodiversity/Wildlife Habitat Assessment (BWHA) considers relative conservation value for all data inputs, and assigns a maximum score to all 30mx30m cells based on those inputs. Areas that receive a maximum value of 7-10 are of highest conservation value.

Data inputs and their relative value for any particular cell may be viewed with the Identify tool; data inputs are included in the data output based on the categories below. For more information, see Chapter 4 of the CPT report.

Identify Tool results for the Biodiversity/Wildlife Habitat Assessment				
Category Name	Value	Individual Input Layers	Source for Input Layers	
NHP	10	Significant Natural Heritage Areas – Outstanding and Very High Rating	NC Natural Heritage Program	
NHP	8	Significant Natural Heritage Areas – High and Moderate Rating		
NHP	6	Significant Natural Heritage Areas - General Rating		
NHP	5	Element Occurrences – High Ranking		
NHP	4	Element Occurrences – Other		
Wetlands	7	Coastal Region Evaluation of Wetland Significance (CREWS) – Exceptional	NC Division of Coastal Management	
Wetlands	6	Coastal Region Evaluation of Wetland Significance (CREWS) – Substantial		
Wetlands	5	National Wetlands Inventory (NWI)	US Fish and Wildlife Service	
Wetlands	2	Coastal Region Evaluation of Wetland Significance (CREWS) – Beneficial	NC Division of Coastal Management	
Guilds	1-10	Landscape Habitat Indicator Guilds	NC Natural Heritage Program	
DWQ	10	Outstanding Resource Waters (ORW)	NC Division of Water Quality	
DWQ	9	Stream BioClassification – Excellent		
DWQ	8	High Quality Waters (HQW)		
DWQ	7	Stream BioClassification – Good		
DWQ	1	All other streams]	
FishHabitat	9	Wild Brook Trout	NC Wildlife Resources Commission	
FishHabitat	8	Anadromous Fish Spawning Areas (AFSA)	NC Division of Marine Fisheries	
FishNursery	8	Fish Nursery Areas (FNA)	NC Division of Marine Fisheries	
Watersheds	7	Stream buffer tributaries to Threatened & Endangered Species	NC Natural Heritage Program	
Watersheds	3	Priority Watersheds	NC Natural Heritage Program, NC Wildlife Resources Commission	
Marine	8	Oyster Sanctuaries	NO Division of Marina Fisharia	
Marine	6	Submerged Aquatic Vegetation	NC. Division of Marine Fisheries	
Hardbottom	8	Open Shellfish /Shellbottom	NC Division of Marine Fisheries	
Hardbottom	7	Hard Bottom		
Hardbottom	5	Closed Shellfish /Shellbottom		
IBA	6	Important Bird Area (IBA)	Audubon Society	
Impervious	-1	Impervious Surface above 20%	US Environmental Protection Agency	

Agricultural Lands Assessment Legend



This assessment is comprised of three individual evaluations:

- Government Policy: Awards points to parcels in areas with government policies supporting the conservation of working farmland.
- Agribusiness Infrastructure: Awards points to parcels in areas that have a strong agricultural business infrastructure.
- Soils: Awards points to parcels with high quality soils.

Additive Approach for Overall Assessment Score:
Points for the three evaluations are summed to obtain the overall assessment score. Results are grouped into tiers based on Jenks natural breaks. For the overall assessment score, parcels in Tier I are considered to be the highest priority for conservation of working farmland. Within the individual assessments, parcels in Tier I represent the parcels that scored the best for each assessment alone.

For more information on data inputs and relative values assigned, see Chapter 6 of the CPT report.

Identify Tool results for the Agricultural Lands Assessment				
Points	Individual Input Layers			
Government Policy				
Up to 32	Military Training Route			
Up to 30	Proximity to ADFP Preserved Farmlands			
Up to 30	Counties with a Farmland Protection Plan			
Up to 20	Proximity to Military Bases			
Up to 20	Counties with an Enhanced Voluntary Agricultural District			
Up to 12	Counties with a Voluntary Agricultural District			
Up to 10	Proximity to CREP Easements			
Agribusiness Infrastructure				
Up to 44	Crop County Cash Receipts/ Farm Acres in County			
Up to 32	Livestock County Cash Receipts/ Farm Acres in County			
Up to 10	Proximity to Slaughter Plants			
Soils				
Up to 60	Average Realistic Yield for corn grain, wheat grain, and full season soybeans.			

Forestry Lands Assessment Legend

Please refer to Chapter 7 of the CPT Report for more information on the six data layers included in this assessment. This report is located at http://portal.ncdenr.org/web/cpt/cpt-report.